WEST Search History

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DATE: Thursday, February 16, 2006

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	DB=USPT; PLUR=YES; OP=OR		
☐	L6	5783179.pn.	1
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☐	L3	5965535.pn.	1
☐	L2	5491073.pn.	1
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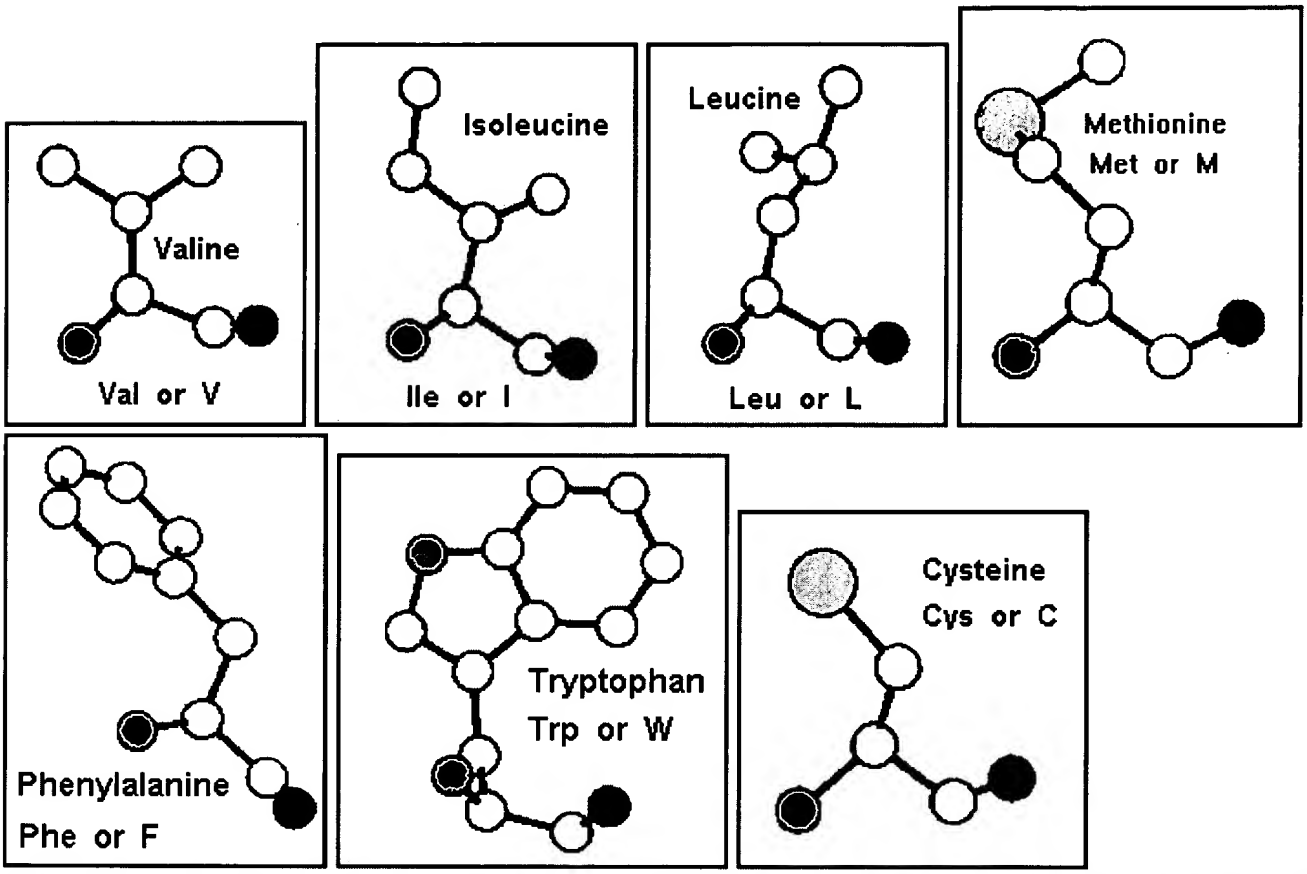
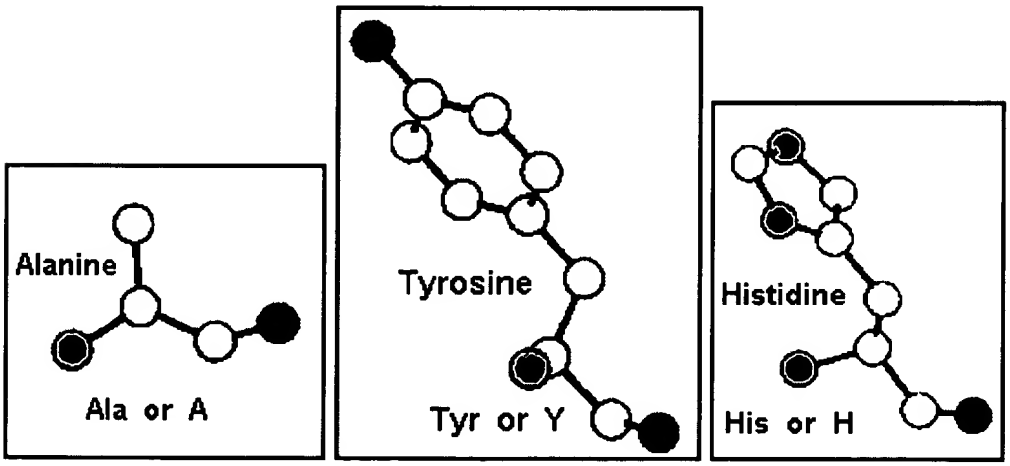
END OF SEARCH HISTORY

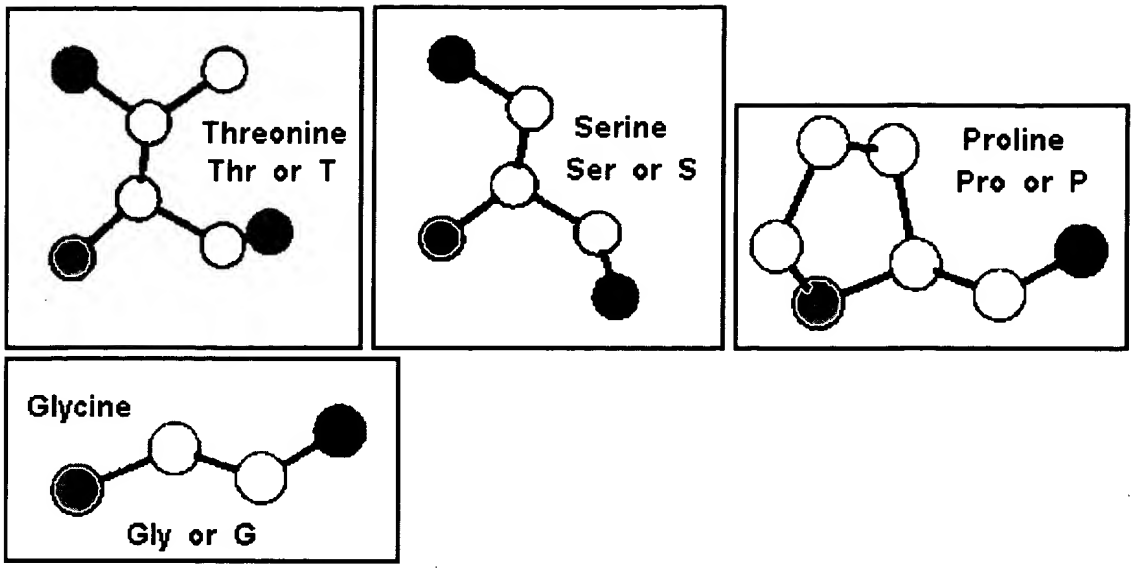
Hydrophobic amino acids

Very hydrophobic amino acids:

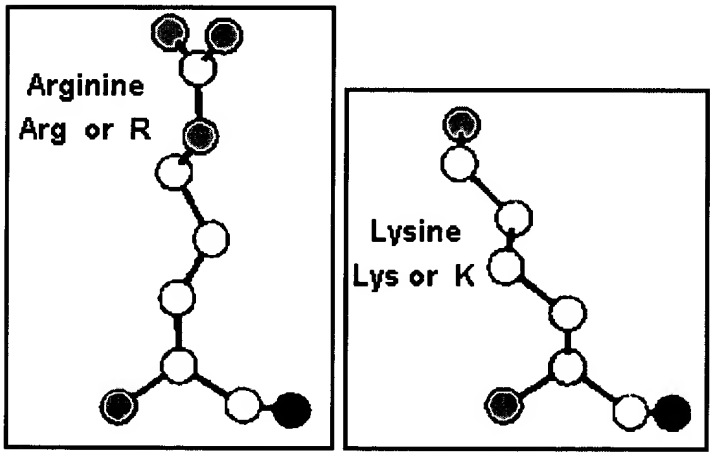


Less hydrophobic amino acids, or indifferent amino acids:





Amino acids that are part hydrophobic (i.e. the part of the side-chain nearest to the protein main-chain):



Hydrophobic amino acids are those with side-chains that do not like to reside in an aqueous (i.e. water) environment. For this reason, one generally finds these amino acids buried within the hydrophobic core of the protein, or within the lipid portion of the membrane.

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Please cite: M.J. Betts, R.B. Russell. Amino acid properties and consequences of subsitutions. *In* Bioinformatics for Geneticists, M.R. Barnes, I.C. Gray eds, Wiley, 2003..